



10080943 - 100803 MP/H

WENMM/SB/21 (12/00)

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in this Submission

Application Number	10/080,943
Filing Date	February 22, 2002
First Named Inventor	Field, Loren J. et al.
Group Art Unit	1653
Examiner Name	
Total Number of Pages in this Submission	7037-458

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure (please identify below)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	<input type="checkbox"/> Submission of Sequence Listing
<input type="checkbox"/> Certified Copy of Priority Documents	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Kenneth A. Gandy Woodard, Emhardt, Naughton, Moriarty, & McNett LLP
Signature	
Date	October 3, 2002

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington D.C. 20231 on this date.

Typed or printed name	Kenneth A. Gandy	Date	October 3, 2002
Signature			

IU-099-US-KAG:186033/am

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FREE TRANSMITTAL 08/2002 FOR FY 2002

Fees are subject to annual revision.

Total Amount of Payment (\$ 1,570.00)

Attorney Docket Number 7037-458

METHOD OF PAYMENT

FEE CALCULATION (continued)

1. Deposit Account Number
23-3030
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

3. ADDITIONAL FEES

Depositor Account Name
Woodard, Emhardt, Naughton, Moriarty & McNett
 Change any Additional Fee Required
Under 37 CFR 1.16 and 1.17
 Applicant claims small entity status.
See 37 CFR 1.27.

2. Payment Enclosed:

Check Credit Card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility Filing Fee	
105	330	206	165	Design Filing Fee	
107	510	207	255	Plant Filing Fee	
108	740	206	370	Release Filing Fee	
114	160	214	80	Provisional Filing Fee	
SUBTOTAL (1) (\$)					

2. EXTRA CLAIM FEES

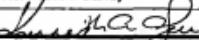
Total Claims	-20** =	Extra Claims	Fee From Below	Fee Paid
Independent Claims	-20** =	X		
Multiple Dependent	-3** =	X		
		X		

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	260	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissues independent claims over original patent
110	18	210	9	**Reissues claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)				

*For number previously paid, if greater. For Reissues, see above.

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	130.00
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for expedited reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	900	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	1440.00
125	1,960	228	960	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	136	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unallowable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or review)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	125	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
148	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	189	900	Request for expedited examination of a design application	
Other Fee (specify)					
* Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$ 1570.00)

*For number previously paid, if greater. For Reissues, see above.

Name (Print/Type)	Kenneth A. Gandy	Registration No. (Attorney/Agent)	33,386	Telephone	(317) 634-3456
Signature				Date	October 3, 2002

Warning: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2336.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you feel is required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



IU-099-US-KAG:186035/am

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Loren J. Field et al.

Filed: February 22, 2002

Serial No.: 10/080,943

p193 PROTEINS AND NUCLEIC ACIDS, AND
USES THEREOF

) Group Art Unit
) 1653
) I hereby certify that this correspondence is being
) deposited with the United States Postal Service
) as first class mail in an envelope addressed to the
) Assistant Commissioner for Patents,
) Washington, D.C. 20231 on
) <u>October 3, 2002</u>
) _____
) (Date of Deposit)
) Kenneth A. Gandy
) _____
) Name of Registered Representative
) <u>Kenneth A. Gandy</u>
) _____
) Signature
) <u>Kenneth A. Gandy</u>
) _____
) Date of Signature

RESPONSE TO NOTICE TO FILE MISSING PARTS
OF NONPROVISIONAL APPLICATION

BOX MISSING PARTS
 Assistant Commissioner for Patents
 Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application dated April 3, 2002, please find enclosed an executed Declaration/Power of Attorney form, Formal drawings, a copy of the Sequence Listing for which the original has been sent to "Box Sequence" and a check for the surcharge amount of \$130.00 as set forth in 37 CFR 1.16(l) for a large entity. Any additional necessary fees may be charged to or overpayment credited to Deposit Account No. 23-3030, but not to include payment of issue fees.

Respectfully Submitted,

By:

Kenneth A. Gandy
 Kenneth A. Gandy, Reg. No. 33,366
 Woodard, Emhardt, Naughton,
 Moriarty & McNett
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#5

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APPLICATION NUMBER	FILED/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/080,943	02/22/2002	Loren J. Field	7037-458



CONFIRMATION NO. 6536

FORMALITIES LETTER



Kenneth A. Gandy
 Woodard, Emhardt, Naughton, Moriarty & McNett
 Bank One Center/Tower
 111 Monument Circle, Suite 3700
 Indianapolis, IN 46204-5137

Date Mailed: 04/03/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing. A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);
 - drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e));
- This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at

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63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

MR
A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE